



Specialty Biocides: Market Analysis and Opportunities

Base Year: 2020

A comprehensive analysis examining the specialties biocides market in the United States and Europe, providing detailed insights and an assessment. The reports will focus on consumption trends, competitive landscape, market developments, challenges, and opportunities.

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Regional Coverage:

- United States
- Europe

SCOPE

This study comes in the form of a **qualitative report** per region and application and **an interactive database**. It provides a detailed assessment of **more than 100 specialty biocides in 19 major end-use applications**, including:

- › Consumption
- › Sales by Supplier
- › Consumption by End-Use Applications
- › Prices
- › Outlook and Forecast to 2025

› Database allows users to customize data views according to:

- Region
- Supplier
- Biocide product group
- Application

› Qualitative report addresses pertinent market issues, challenges, and opportunities across all applications.

SCOPE PRODUCTS

These are examples only; the database contains over 100 specialty biocides.

Product group	Examples
HALOGENATED BIOCIDES	
Chlorinated	Chloroisocyanurates Chlorothanoniol Lithium hypochlorite, etc.
Brominated	Sodium bromide DMDM hydantoin 2-Bromo-2-nitropropane-1,3-diol (BNPD), etc.
Iodine-based	Iodophors 3-Iodo-2-propynylbutyl carbamate (IPBC), etc.
INORGANIC BIOCIDES	Cuprous oxide (Cu ₂ O) Chromated copper arsenate (CCA) Copper Hydroxide (Cu(OH) ₂) Borates, etc.
NITROGEN-BASED BIOCIDES	Quaternary ammonium compounds (quats) Triazines Tetrakis(hydroxymethyl) phosphonium sulfate (THPS), etc.
PHENOLIC BIOCIDES	Pentachlorophenol (PCP) Phenoxyethanol
ORGANOMETALLICS BIOCIDES	Copper naphthenate (CuN) Copper thiocyanate (CuSCN) Bis-(N-cyclohexyldiazoniumdioxy)-copper (Cu-HDO) 10,10'-Oxybisphenoxarsine (OBPA), etc.
ORGANOSULFUR BIOCIDES	
Isothiazolinones	5-Chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4 isothiazolin-3-one (CIT/MIT) 1,2-Benzisothiazolin-3-one (BIT), etc.
Pyrrithiones	Zinc-2-pyridinethiol-2-oxide (ZPT) Sodium-2-pyridinethiol-2-oxide (NPT), etc. Methylenebis(thiocyanate) (MBT) 2-(Thiocyanomethylthio) benzothiazole (TCMTB), etc.
MISCELLANEOUS BIOCIDES	Polyhexamethylene biguanide (PHMB) Glutaraldehyde, Peracetic acid, etc.

SCOPE APPLICATIONS

HYGIENE	Agriculture		INDUSTRIAL PRESERVATION	Adhesives and sealants	OIL AND GAS	Production
	Aquaculture			Antifoulant marine coatings		Storage
	Cleaning products	Household		Leather		Transmission
		Industrial & institutional			WATER TREATMENT	Cooling water
Hospital	Surface cleaning	Metalworking fluids	Paper			
	Instruments disinfection		Paints and coatings	Recreational water		
				Plastics and resins	WOOD PRESERVATION	Residential
				Synthetic latex polymers		Industrial (marine poles/pilings)

SCOPE

Introduction

Individual chapters

- Industrial Preservation
- Water Treatment
- Hygiene
- Oil & Gas
- Wood Preservation

Each chapter contains:

- Macro-economic data about the end-use industry
- Regulatory issues
- Products grades and prices
- Key customers overview
- Consumption by active biocidal ingredient
- Channels of distributions
- Competitive landscape
- Value chain analysis
- Trends affecting the biocides market in the considered applications and market development

Interactive database



REPORT BENEFITS

This report serves as an excellent resource for manufacturers and formulators of biocide chemicals. Specifically, it assists subscribers by providing:

A highly reliable and independent assessment of the market size for biocide chemical ingredients by end-use application

A strong competitive analysis of the market by supplier for each biocide ingredient

Key insights on market trends and developments with a reliable five-year forecast

METHODOLOGY

Kline's approach places principal emphasis on primary research techniques to ensure that the foundation of business intelligence and insight is accurate, current, and reliable. Building on our 60-plus years in the business and leveraging our worldwide network of offices, our teams of seasoned professionals draw upon pragmatic industrial and commercial experience to understand and interpret global impacts and local perspectives.

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